



Savage Industries Inc.
2025 East 5000 South
Price, Utah 84501

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Daron R. Haddock
Permit Supervisor
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED

FEB 03 2003

DIV. OF OIL, GAS & MINING

Re: Proposed Access Road
Savage Coal Terminal
ACT/007/022
Carbon County, Utah

New Amendment
AM03A *OK*

c/007/022
Incoming

Dear Mr. Haddock:

Savage Coal Terminal is requesting approval to construct an access road running approximately 250' from the existing haul road to the main entrance to the site. This new road will be for non-mining related traffic to egress from the site without trying to negotiate the existing "Y" and creating a safety hazard.

The road will be constructed within the existing disturbed area, and will be constructed to the same standards as the existing haul road. There will be no changes to the existing drainage; however, an additional 18" culvert will be installed beneath the new road to maintain the existing drainage flow. This culvert matches the size of the existing culvert just downstream; therefore, no additional sizing should be necessary.

I have enclosed 3 copies of the revised Plate 3-2 and relevant pages for the M.R.P. A C₁/C₂ Form is also enclosed.

It is our hope this proposal will meet with your approval. We have discussed this proposal on-site with inspectors Steve Demczak and Joe Helfrich. If you have any questions, or need additional information, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan W. Guy". The signature is fluid and cursive, with a long horizontal stroke at the end.

Dan W. Guy
for
Boyd Rhodes,
Manager

cc: Boyd Rhodes - Savage
Price Field Office - DOGM
File

APPLICATION FOR COAL PERMIT PROCESSING

Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee:	Savage Industries, Inc.		
Mine:	Savage Coal Terminal	Permit Number:	ACT/007/022
Title:	Proposed Access Road		

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED

[illegible]

Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.

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3.2.5 Transportation Facilities

3.2.5.1 Roads, Parking Areas

The location of access and coal haulage roads and parking areas are provided on Plate 3-2.

There are 2 access roads into C.V. Spur. The new main access/haul road is located on the west side and is approximately 200' long from the intersection with the original access/haul road. The total haul road length is approximately 2200', 750' of which is paved. The other access road is located at the southwest corner of the property and is approximately 1700' long from the intersection with the county road to the plant parking lot. This road is also paved. An additional, gravel-surfaced haul road extends from this road northeast for approximately 1600'. **An additional non-mining related access road will be constructed near the west entrance to tie the existing main roads together. This road will be built and maintained to the same standards as the existing haul roads. It will be approximately 250' in length. This road will be reclaimed during final reclamation of the property.** All haul roads are paved or gravel-surfaced and maintained at a width of 24 feet. The roads will be used and maintained throughout the life of the operation.

There are two large road fill embankments at C.V. Spur. The embankments were built as truck dumps and their locations are shown on Plates 3-1 and 3-2. The embankments are constructed of reinforced concrete and steel and compacted earth materials and are a maximum 30 feet in height. Figures 3-5 and 3-6 show cross-sections of the truck dumps.

A small embankment has been constructed near the southeast corner of the preparation plant. This embankment is for a new, drive-over truck dump, and is approximately 14'6" high. The truck dump location is shown on Plate 3-2, and details regarding the embankment and roadway are shown on Plates 3-2C and 3-2D.

Cross sections of the plant access and coal haulage and processing waste roads are shown on Plate 3-4 "Road Cross-Sections". No culverts at C.V. Spur are used exclusively for road surface drainage and no ditch relief culverts are planned.

The refuse disposal road is approximately 1,584 feet long. The road is gravel-surfaced and maintained at approximately 20 feet width. The road runs from the preparation plant to the refuse disposal area and will be maintained throughout the active phase of refuse disposal.

The above referenced roads are all considered "Primary Roads" as provided in R645-301-527.100. All other roads on the site are considered "Ancillary Roads". Road details are shown on Figures 3-5 and 3-4.

Parking areas, shown on Plate 3-2, serve the shop/lab/warehouse, truck scale and preparation plant areas.

Table 7-25
CULVERT DESIGN SPECIFICATIONS

Culvert Number	Design Discharge (cfs)	Diameter (ft)	Length (ft)	Normal Depth	Velocity (ft/sec)
C-1	0.81	1.0	30	0.45	2.38
C-1a	0.81	2.0	40	0.45	2.38
C-2	0.98	0.5	35	0.35	2.80
C-3	3.70	(2) 1.5	30	0.59	2.90
C-4	0.36	2.0	60	0.26	1.81
C-5	9.68	2.0	70	1.35	3.59
C-6	0.80	1.5	30	0.38	2.20
C-7	10.56	2.0	30	1.43	4.40
C-8	0.77	1.5	60	0.38	2.20
C-9	1.44	1.5	50	0.51	2.70
C-10	11.97	2.0	70	1.60	4.44
C-11	-	-	-	-	-
C-12	5.11	1.5	40	1.11	3.64
C-13A	5.11	1.5	50	1.11	3.64
C-13	5.11	1.5	30	1.11	3.64
C-13B	5.11	1.50	60	1.11	3.64
C-14**	-	-	-	-	-
C-15	20.50	2.0	20	2.87*	7.60*
C-16	1.34	2.0	30	0.45	2.10
C-17	0.36	2.0	40	0.26	1.81
C-18	0.80	1.0	40	0.46	2.20
C-19	0.22	1.0	20	0.28	1.19
C-20	0.22	1.0	20	0.28	1.19
C-21	1.11	2.0	60	0.34	2.05
C-22	13.88	2.0	100	2.10****	11.49
C-23	0.15	1.0	30	0.20	1.50

* Head Water Depth = 3.50 ft.

** Removed 12/18/91 - Replaced with open spillway

*** Erosion to be minimized by the use of 9" med. diam. rip-rap at the culvert outlet.

**** Head Water Depth - 3.50 ft.

Note: Culvert C-11 will be removed and replaced with extended 24" culvert C-21.

1/2003